

# REQUEST FOR PROPOSAL

COUNTY OF SAN BERNARDINO  
PURCHASING DEPARTMENT

Date: May 14, 2008

Proposal No. **J-116**

Materials and/or Services: **Truck, Dump w/Plow, 7 yd**

To Be Delivered To: County of San Bernardino  
Public Works Operations  
825 E. 3<sup>rd</sup> Street  
San Bernardino, CA 92415-0845

Page 1 of 16 Pages

Submit each individual proposal in separate sealed envelope with proposal number marked on outside to:

**County Purchasing Agent**  
**777 East Rialto Avenue**  
**San Bernardino, CA 92415-0760**  
**BEFORE: Monday, June 16, 2008, 11 AM**

For further information, call: Zachary L. Avey  
Buyer II  
(909) 387-2070

## INSTRUCTIONS AND CONDITIONS

1. All prices and notations must be typewritten or printed in ink. No erasures permitted. Mistakes may be crossed out and corrections made adjacent, and must be initialed in ink by person signing quotation.
2. State brand, or make, on each item. If quoting an article exactly as specified, the words "or equal" must be stricken out by the vendor. If quoting on other than make, model or brand specified, the manufacturer's name and the catalog number must be given, or descriptive cut and information attached to the quotation.
3. Quote on each item separately. Prices should be stated in units specified herein.
4. Each quotation must be in separate sealed envelope with proposal number on outside, and must be received by County Purchasing Agent, 777 East Rialto Avenue, San Bernardino, CA 92415-0760 no later than the hour and day specified hereon, at which time it will be publicly opened and read.
5. Time of delivery is a part of the consideration and must be stated in definite terms, and must be adhered to. If time varies on different items, the vendor shall so state in the column provided, opposite each item.
6. Terms of less than 30 days for cash discount will be considered as net.
7. All quotations must be signed with the firm's name and by a responsible officer or employee. Obligations assumed by such signatures must be fulfilled.
8. Unless otherwise definitely specified, the prices quoted herein do not include California Sales or Use Tax. For questions regarding taxes contact the State of California Franchise Tax Board.
9. No charge for packing, drayage, or for any other purpose will be allowed over and above the prices quoted on this sheet.
10. The right is reserved, unless otherwise stated, to accept or reject any or all quotations, or any part thereof, either separately or as a whole, or to waive any informality in a proposal.
11. The County recognizes that price is only one of several criteria to be used in judging a product or service, and the County is not legally bound to accept the lowest quote.
12. Samples of items, when required, must be furnished free of expense to the County; and if not destroyed by tests, will upon request be returned at vendor's expense.
13. In case of default by the vendor, the County of San Bernardino may procure the articles or service from other sources and may deduct from unpaid balance due the vendor, or may collect against the bond of surety, or mail bill for excess costs so paid, and the prices paid by the County of San Bernardino shall be considered the prevailing market prices paid at the time such purchase is made.
14. Cost of transportation, handling, and/or inspection on deliveries, or offers for delivery, which do not meet specifications, will be for the account of the vendor.
15. The vendor shall hold the County of San Bernardino, its officers, agents,

servants and employees, harmless and defend same from liability of any nature or kind on account of use of any copyright, or uncopyrighted composition, secret process, patented or unpatented invention, article, or appliance furnished or used under this quotation.

16. Neither party will be held liable for failure or delay in fulfillment if hindered or prevented by fire, strikes, or Acts of God. (Force Majeure)

17. Quotations are subject to acceptance at any time within the manufacturers model build.

18. Verify your quotations before submission, as they cannot be withdrawn or corrected after being opened.

19. RETURN THIS SHEET WHETHER OR NOT YOU QUOTE A PRICE. If you do not quote, state your reason; otherwise your name may be removed from the mailing list.

20. Accounts paid for transportation of property to the County of San Bernardino are exempt from Federal Transportation Tax. An exemption certificate is not required where the shipping papers show the consignee as San Bernardino County, as such papers may be accepted by the carrier as proof of the exempt character of the shipment.

21. To be considered, each vendor must have an approved Vendor Application on file with the Purchasing Department. Vendors must register online through the County Website at <http://www.sbcounty.gov/purchasing/>.

22. The Vendor agrees to comply with Executive Orders 11246, 11375, 11625, 12138, 12432, 12250, Title VII of the Civil Rights Act of 1964, the California Fair Employment Practice Act, Equal Employment Opportunity, San Bernardino County Emerging Small Business Enterprise program, and other applicable Federal, State, and County laws, regulations, and policies relating to equal employment and contracting opportunities, including laws and regulations hereafter enacted. The articles covered by the quotation must conform with safety orders of OSHA, CALOSHA and/or NIOSHA, and OSH-POD.

23. Assignment of the contract by the vendor to other suppliers/contractors must be approved by the Purchasing Agent in writing.

24. Prevailing Wages: Where labor is required for public work as a part of any requirements covered by this request for proposal, pursuant to the provisions of the Labor Code of the State of California, contractor shall pay no less than those minimum wages.

25. Conflict of Interest: Your signature hereon certifies that no County employee, whose position in the County service enables them to influence any award of your offer or any competing offer, shall have any direct or indirect financial interest in any transaction resulting from this request for proposal.

26. Vendors making delivery or providing services on County premises shall carry liability insurance and Worker's Compensation coverage in accordance with the County's Standard Practice requirements.

**IMPORTANT:** Place signed proposal in envelope, **seal** envelope and show **proposal number** on outside. Return proposal to the County Purchasing Agent, 777 East Rialto Avenue, San Bernardino, CA 92415-0760  
**PRICES QUOTED F.O.B. DESTINATION UNLESS OTHERWISE STATED.**

### The following must be filled in by the contractor in submitting his proposal:

Date \_\_\_\_\_

Company \_\_\_\_\_

Delivery will be made in \_\_\_\_\_ days  
from receipt of order unless otherwise noted.

Address \_\_\_\_\_

Cash Discount Terms \_\_\_\_\_

City & State \_\_\_\_\_ Zip \_\_\_\_\_

Signed By \_\_\_\_\_

Telephone No. (\_\_\_\_\_) \_\_\_\_\_

**A. STANDARD TERMS AND CONDITIONS**

**1.0 IMPROPER CONSIDERATION:**

Vendor shall not offer (either directly or through an intermediary) any improper consideration such as, but not limited to, cash, discounts, service, the provision of travel or entertainment, or any items of value to any officer, employee or agent of the County in an attempt to secure favorable treatment regarding the award of this proposal.

The County, by written notice, may immediately terminate any contract resulting from this proposal process if it determines that any improper consideration as described in the preceding paragraph was offered to any officer, employee or agent of the County with respect to the proposal and award process. This prohibition shall apply to any amendment, extension or evaluation process once a contract has been awarded.

Vendor shall immediately report any attempt by a County officer, employee or agent to solicit (either directly or through an intermediary) improper consideration from Vendor. The report shall be made to the supervisor or manager charged with supervision of the employee or to the County Administrative Office.

In the event of a termination under this provision, the County is entitled to pursue any available legal remedies.

**2.0 INACCURACIES OR MISREPRESENTATIONS:**

If in the course of the RFP process or in the administration of a resulting contract, County determines that Vendor has made a material misstatement or misrepresentation or that materially inaccurate information has been provided to County, Vendor may be terminated from the RFP process or in the event a contract has been awarded, the contract may be immediately terminated.

**3.0 EMPLOYMENT OF FORMER COUNTY OFFICIALS:**

Vendors are required to provide information on former County of San Bernardino administrative officials (as defined below) who are employed by or represent your business. The information provided must include a list of former County administrative officials who terminated County employment within the last five years and who are now officers, principals, partners, associates or members of the business. This list should also include the employment and/or representative capacity and the dates these individuals began employment with or representation of your business.

For purposes of this section, "County administrative official" is defined as a member of the Board of Supervisors or such officer's staff, County Administrative Officer or member of such officer's staff, County department or group head, assistant department or group head, or any employee in the Exempt Group, Management Unit or Safety Management Unit.

Failure to provide this information may result in the response to the Request for Proposal being deemed non-responsive.

**4.0 DISCLOSURE OF CRIMINAL AND CIVIL PROCEEDINGS:**

The County reserves the right to request the information described herein from the vendor selected for contract award. Failure to provide the information may result in a disqualification from the selection process and no award of contract to the vendor. The County also reserves the right to obtain the requested information by way of a background check performed by an investigative firm. The selected vendor also may be requested to provide information to clarify initial responses. Negative information provided or discovered may result in disqualification from the selection process and no award of contract.

The selected vendor may be asked to disclose whether the firm, or any of its partners, principals, members, associates or key employees (as that term is defined herein), within the last ten years, has been indicted on or had charges brought against it or them (if still pending) or convicted of any crime or offense arising directly or indirectly from the conduct of the firm's business, or whether the firm, or any of its partners, principals, members, associates or key employees, has within the last ten years, been indicted on or had charges brought against it or them (if still pending) or convicted of any crime or offense involving financial misconduct or fraud. If the response is affirmative, the vendor will be asked to describe any such indictments or charges (and the status thereof), convictions and the surrounding circumstances in detail.

In addition, the selected vendor may also be asked to disclose whether the firm, or any of its partners, principals, members, associates or key employees, within the last ten years, has been the subject of legal proceedings as defined herein arising directly from the provision of services by the firm or those individuals. "Legal proceedings" means any civil actions filed in a court of competent jurisdiction, or any matters filed by an administrative or regulatory body with jurisdiction over the firm or the individuals. If the response is affirmative, the vendor will be asked to describe any such legal proceedings (and the status and disposition thereof) and the surrounding circumstances in detail.

For purposes of this provision "key employees" includes any individuals providing direct service to the county. "Key employees" do not include clerical personnel providing service at the firm's offices or locations.

**5.0 DISPUTES RELATING TO PROPOSAL PROCESS AND AWARD:**

In the event a dispute arises concerning the proposal process prior to the award of the contract, the party wishing resolution of the dispute shall submit a request in writing to the Director of Purchasing. Vendor may appeal the recommended award or denial of award, provided the following stipulations are met:

- a. Appeal must be in writing.
- b. Must be submitted within ten (10) calendar days of the date of the recommended award or denial of award letters.

An appeal of a denial of award can only be brought on the following grounds:

- a. Failure of the County to follow the selection procedures and adhere to requirements specified in the RFP or any addenda or amendments.
- b. There has been a violation of conflict of interest as provided by California Government Code Section 87100 et seq.
- c. A violation of State or Federal law.

Appeals will not be accepted for any other reasons than those stated above. All appeals must be sent to:

Laurie Rozko, Interim Director  
County of San Bernardino Purchasing Department  
777 E. Rialto Avenue  
San Bernardino, CA 92415-0760

**6.0 PARTICIPATION:**

The County desires that the municipalities, school districts, and other tax districts within the state of California, may at their option and through the County Purchasing Agent avail themselves of the contract resulting from this proposal. Upon notice in writing, the Vendor agrees to the extension of the terms of a resultant contract with such Governmental bodies as though they have been expressly identified in this proposal, with the provision that:

- a. Such Governmental body does not have and will not have in force any other contract for like purchases.
- b. Such Governmental body does not have and will not have under consideration for any other contract for like purchases.
- c. Such Governmental body shall make purchases in its own name, make payment direct to the Vendor, and be liable directly to the vendor, holding the County harmless there of.

**7.0 ELECTRONIC FUND TRANSFER PROGRAM:**

Contractor shall accept all payments from County via electronic funds transfer (EFT) directly deposited into the Contractor's designated checking or other bank account. Contractor shall promptly comply with directions and accurately complete forms by County required to process EFT payments.

**8.0 LOCAL PREFERENCE POLICY:**

The County of San Bernardino has adopted a preference for vendors whose principal place of business is located within the boundaries of the County. A five percent (5%) preference may be applied prior to approval of any purchase or acquisition of services, equipment, goods, or supplies.

For purposes of the application of the local preference policy (County Policy 11-12), "principal place of business" is defined as the vendor's main office (or headquarters) or a major regional office. A "major regional office" is defined as a business location apart from the vendor's main office (or headquarters) which:

Has been issued a business license, if required, and has been established and open for a minimum of six months prior to the date that the approval authority authorizes the circulation of an RFP/RFB/Quote for any contract, agreement, or purchase order to which it responds; and

Can demonstrate on-going business activity in the field of endeavor on which the Vendor is proposing, from that office during the preceding six months; and

Has a minimum of twenty-five percent (25%) of the vendor's full time management employees and twenty-five percent (25%) of its full time regular employees working from the County of San Bernardino location(s).

The County's Local Preference Policy means for example, if two Vendors are responding to this RFP and if quality, service and ability to meet the County's needs are equal, County staff must determine if one of the Vendors is a local vendor. If one of the Vendors is a local vendor, and its quoted price or cost for services, equipment, goods or supplies does not exceed five percent (5%) of the other vendor's quoted price or cost, unless it is determined that an exemption applies, staff may recommend the local vendor for the contract award.

**9.0 PROPOSAL PRICING:**

The proposal pricing shall remain open for a period of 12 months from the award date. After the 12-month time span has elapsed, the award may be kept open for a maximum of three years with annual price increases based on the US Department of Commerce price index for automotive goods and products.

**10.0 OTHER REQUIREMENTS:**

Vendor is required to submit four (4) proposal copies, the original wet signature copy marked "original" and three (3) copies marked "copy" and numbered "one" through "three". Copies must include all back up Information provided with the wet signature copy. The original proposal may be enclosed in a loose leaf binder; copies must be stapled or attached to prevent loss or mixing of information. **Failure to adhere to this provision will result in a non-responsive proposal.**

<b>SPECIFICATIONS - ONE (1) SNOW PLOW DUMP TRUCK 4X4 7 CUBIC YARD 36,000 GVWR</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
<p><b><u>General:</u></b> The following specifications describe construction equipment to be used by the Transportation Operations Division, of the San Bernardino County, Department of Public Works. The machine will be a new and currently advertised model built by a well-established manufacturer of this type of machinery. This specification is based on one manufacturer's design. <b><u>The intent of the department is not to limit or eliminate proposals, but to start with a buildable set of specifications.</u></b> In the event of major failure during the warranty period, the vendor will furnish or reimburse the County for the transportation of the machinery to the vendor's place of business for repairs.</p>			
<p><b><u>Warranty:</u></b> The entire unit(s) and its attachments, as specified, shall be fully warranted from date vehicle enters into service for 3 years, excluding consumable items such as oil and filters, and normal wear items such as belts, hoses, cutting edges, etc. County staff may perform authorized warranty repairs and receive reimbursement for travel, labor and parts.</p>			
<p><b><u>Safety:</u></b> The successful vendor must certify that they will meet all existing regulations contained in the State of California Construction Safety Orders and/or O.S.H.A. at time of acceptance, for this type of machinery, all applicable California Air Quality Management District Regulations, all California and Federal Vehicle Code, U.S. Forestry, Fire Codes or any other applicable laws or regulations for on- or off-road, and day or night operation.</p>			
<p><b><u>Air Quality:</u></b>  <b>Vehicles must meet current CARB (California Air Resource Board) on Road Diesel Engine rules. If compliant vehicles are not available, respondents MUST provide written, signed, response with the bid indicating the reasons why requested vehicles are unavailable to meet the requirements.</b>  <b>Proposal to provide a diesel powered heavy duty vehicle shall insure is equipped with current CARB certified control devices and maintains that approved control devices are manufacturer's specifications.</b></p>			
<p>Manufacturers' standard warranty shall accompany the vehicle, together with all the information required by the manufacturer on the warranty form.</p>			
<p>If equipment does not meet minimum specified, vendor will be required to make necessary correction at their expense.</p>			
<p>List the locations of available replacement parts and normal time required for delivery of such parts. Vendor shall guarantee replacement parts and make sure that they are available within 48 hours or less. If parts are not available in this time period, vendor shall reimburse the County for the cost of renting a machine until the part arrives.</p>			

<b>SPECIFICATIONS - ONE (1) SNOW PLOW DUMP TRUCK 4X4 7 CUBIC YARD 36,000 GVWR</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
<b>Delivery:</b> Prior to delivery, new vehicle must be completely serviced in accordance with the standard new vehicle "made ready" and the manufacturer's recommendations.			
<b>Fuel tank to be filled.</b> Unit delivered to the Public Works Department at 210 N. Lena Rd, Building 6c, San Bernardino, CA 92415-0835, shall contain a pre-delivery check sheet and what operations have been performed on the vehicle and signed by the mechanics or individuals who worked on the unit. Unit shall have an odometer reading of less than 500 miles when unit is accepted meeting specifications. Exceeding mileage stated will result in refusal of unit and cancellation of order.			
<b>Vendor:</b> The successful vendor may contact the Operations Equipment Superintendent prior to delivery so that arrangements can be made for pre-delivery inspection on vendor's premises. Any additional inspections requested by the vendor shall be paid by the vendor at an extra rate of \$1,200 for each 8 hour day needed for the time of the equipment superintendent and mechanic. Expenses shall be deducted from the invoice. (If outside a 100 mile radius from San Bernardino site, vendor shall pay travel and meal expenses). Under no circumstances will a partial delivery of accepted specifications be made. The vendor shall also make available qualified service and operational personnel for post delivery familiarization with the Operations' personnel. The vendor shall include a revisit to the equipment approximately thirty (30) days after it is placed in service. The revisit shall include checking all operating systems for proper operations, adjustments, leaks, or any other defects, at no additional cost to the County.			
The specifications herein shall not be construed in any way to mean the degrading or elimination of accepted standards of engineering and craftsmanship in configuration and construction. If there are conflicting specifications; the one with the higher operations standard will apply. ALL EXCEPTIONS to the specifications contained herein must be on the Proposal Sheet to be considered at the time of award. All subcontractors or suppliers and vendors of attachments to this unit must be listed on the bid sheet. Vendor to be the sole responsible party for equipment, attachments and specialized components.			
<b>Notice:</b> Vendor shall complete the right-hand column indicating specific size and/or make and model of all components when not exactly as specified. State " <b>AS SPECIFIED</b> " if item is exactly as set forth in the left-hand column. Vendor shall supply with the bid a scaled drawing of the unit. Mandatory pre-build meeting at County office prior to purchase order being awarded.			

**FAILURE TO COMPLETE THE RIGHT-HAND COLUMN WILL INVALIDATE THIS PROPOSAL**

	YES	NO	COMMENTS
<b>Paint:</b> <ol style="list-style-type: none"> <li>1. Paint unit orange (matching existing Transportation units), frame and wheels black with 2 inch red and white alternating conspicuous accent striping around bed of truck sides and back.</li> </ol>			
<b>Engine: (Diesel Turbo – front mounted live hydraulic pump)</b> <ol style="list-style-type: none"> <li>1. Minimum net horsepower of 275 at 2000 RPM and maintain near peak efficiency at 8,000 ft. altitude at 2000 RPM.</li> <li>2. Exhaust system: horizontal, minimum 4" diameter and comply with all current California regulations for exhaust and sound emissions and applicable Fire codes. Shall be curved at top to prevent rain from entering.</li> <li>3. Oil filter: bypass type</li> <li>4. Fuel pump: electronic, fuel filter/water separator</li> <li>5. Engine alarm with automatic shutdown with override.</li> <li>6. Air cleaner: two-stage dry type with restriction indicator on dash.</li> <li>7. Engine compression brake with selector switch (No exceptions)</li> <li>8. Cooling switch: heavy duty with Cummins Fleetguard coolant filter or equal. Fan clutch Eaton 280, silicone radiator and heater hoses.</li> <li>9. Governor: electronic.</li> <li>10. Starting aid: either tank type.</li> </ol>			
<b>Transmission and Transfer Case/Clutch:</b> <ol style="list-style-type: none"> <li>1. Transmission: 6-speed manual with overdrive, air shift oil cooler mounted off radiator.</li> <li>2. Clutch: two plate ceramic 14 inches diameter, eight spring free travel damper, self adjusting with mechanical pull type control (Eaton)</li> <li>3. Transfer case – two speed, 4,000 feet. Lb. capacity with air controls</li> </ol>			
<b>Chassis (Intended to accommodate a 10-ft dump body) w/snow plow:</b> <ol style="list-style-type: none"> <li>1. Lengths: approximately WB170</li> <li>2. GVWR: 36,000 lbs. minimum</li> <li>3. Channel type front bumper full width with 7 inch holes in bumper for fog lights. Two tow hooks, frame mounted.</li> <li>4. 16,000 lbs Front axle: driving type single reduction. Rear suspension 23,000 lb. minimum rating and heavy duty shock absorbers and springs minimum rating of 18,000 lbs. (NO EXCEPTIONS TO MINIMUM RATINGS) Limited slip</li> <li>5. Rear axle: 23,000-lb single reduction. Rear suspension 23,000 lb. minimum rating and heavy duty shock absorbers, limited slip. Driver controlled differential lock.</li> <li>6. Axle equipment driveline</li> </ol>			

	YES	NO	COMMENTS
7. Drag link and tie rods: greased and sealed 8. Steering: Dual power steering, integral. 9. Lockout, main full locking. 10. Driveline: Spicer 1710 HD main U-joints 11. Wheel seals: Stemco guarding unitized. 12. Magnetic traps, drain plug, fill plugs.			
<b>Frame:</b> 1. Frame rails high strength low allow steel (50,000 PSI yield) 10.125 x 3.062 x 0.312, frame reinforcement (50,000 PSI yield) integral front frame extension will be cut and reinforced for snow plow. It will extend minimum 18 inches past front grill.			
<b>Brakes: (Must comply with all California and Federal regulations at time of delivery.)</b> 1. All E-stroke 2. Front: air brakes S cam 16.5" x 6" 3. Rear: air brakes S cam 16.5" x 7" 4. Slack adjusters: automatic rear 5. Parking: Max II Spring set RA Activate above 20 PSI 6. Air compressor: 13.2 CFM Bendix Tu Flo 550 with Cat air dryer. Bendix AD-9. 7. Air tanks: self bleeding 8. Moisture Ejectors: non-HTD Bendix auto. 9. Trailer connectors with breakaway valve and hand control valve.			
<b>Trailer Package:</b> 1. All electrical and air with connectors running out to the extreme rear of frame with 7 way electrical socket and glad-hand connectors and covers. Shall be equipped with a heavy duty Air Cushion Pintle hook rated at 80,000 lbs and safety chain loop. All positioned to eliminate any damage when trailer is jack knifed.			
<b>Tires and Wheels:</b> 1. Tires and wheels shall be radial rated. Wheels should be painted black. 2. Rims painted steel 10-stud with steel hubs. 3. Front tires (2) tubeless radial 12R 22.5 18 ply 4. Rear tires (4) tubeless radial 11R22.5 18 ply 5. Spare tires and wheels (one of each) – <b>Quote Separately</b> 6. Mud flaps: Legal aggregate hauling on road with hooks to tie up for off road use. Brackets shall be attached directly to frame. Mounting to fenders is no acceptable. Quick Flaps – manufacture. 7. CAT Eye tire pressure monitoring system.			
<b>Fuel Tanks:</b> 1. (2) 50 gallon LG and RH steel tanks (no plastic fuel lines or valves.			
<b>Tool Box:</b> 1. Toolbox should be weatherproof, lockable. A minimum three keys need to be included in delivery. It should be mounted underbody, on the left side and frame mounted. 36" x 18" x 18" with an open flat rack on top, large enough to store six snow chains.			



	YES	NO	COMMENTS
<b>Electrical: (Must comply with all California and Federal regulations. All LED where available.)</b> <ol style="list-style-type: none"> <li>1. Circuit protectors.</li> <li>2. Flashers – emergency</li> <li>3. (2) Rectangular halogen headlights.</li> <li>4. (4) Taillights, brake lights and rear turn signals and 3 tail clearance lights.</li> <li>5. (2) Perlux driving lights</li> <li>6. (5) Cab marker lights</li> </ol>			
<b>Cab: (To be galvanized inside and out including door, outer panels. Shall be mounted on “Cab Cushion air support system.”)</b> <ol style="list-style-type: none"> <li>1. Drive rails – over doors</li> <li>2. Hood – forward-tilting, front end style: aerodynamic</li> <li>3. Horn: Electric and air with bell cover</li> <li>4. Glass: Maximum allowable tinting all around and laminated windshield.</li> <li>5. Mirrors: Heated mirrors dual 16 inches x 7 inches stainless with 8 inch stainless convex mounted below primary mirror 102 inch wide spacing.</li> <li>6. Windshield wipers: Variable speed, electric.</li> <li>7. Entry – Assist handles: Left and right – no skid steps.</li> <li>8. First step from ground to be 18 inches.</li> <li>9. Interior can equipment will include but not limited to               <ol style="list-style-type: none"> <li>a. Map pocket – drivers door</li> <li>b. Steering wheel – 18 inch diameter</li> <li>c. Steering column – adjustable, tilting, and telescoping.</li> <li>d. AC/Heater integral, R134A (R12 not acceptable.</li> <li>e. Seats – driver and passenger side to be National high back Cush-N-Aire.</li> <li>f. Seatbelts to be lap and shoulder for both driver and passenger.</li> <li>g. Floor mat – padded rubber.</li> <li>h. Interior dome light/map light.</li> </ol> </li> <li>10. Operator's compartment: Devices shall be individually replaceable from the front with without gauge cluster having to be removed. Gauge cluster should include but not be limited to the following               <ol style="list-style-type: none"> <li>a. Air pressure: two direct read</li> <li>b. Air pressure gauge and low air alarms and “pop on” valve switch on dash.</li> <li>c. Oil pressure – direct read</li> <li>d. Voltage</li> <li>e. Fuel capacity</li> <li>f. Engine hour meter: on dash</li> <li>g. Lights</li> <li>h. Water in fuel warning</li> <li>i. High engine oil warning</li> <li>j. Warning lights and with buzzers</li> <li>k. Hydraulic pump on light</li> <li>l. Parking brake valve: dash mounted</li> <li>m. Speedometer: electric MPH/KMH</li> <li>n. Back-up alarm Preco Model 380</li> </ol> </li> </ol>			

	YES	NO	COMMENTS
<ul style="list-style-type: none"> <li>o. Ignition: with key lock, right side of steering column (6 sets of keys)</li> <li>p. 12 –volt port/plug in place of lighter.</li> <li>q. XATA NET GPS system</li> </ul>			
<b>Electrical:</b> <ul style="list-style-type: none"> <li>1. Battery: Four, each 96 AMP 950 CCA Group 31 reserve capacity 170 min.</li> <li>2. Alternator: 100 AMP</li> <li>3. Starter: 12-Volt</li> <li>4. Automatic daytime headlight control system: bypass switch/center position return</li> <li>5. Circuit protectors</li> <li>6. Emergency flashers</li> <li>7. Headlights: two rectangular, halogen</li> <li>8. Taillights: four and four turn signals</li> <li>9. Fog lights: 2 Perlux (mounted below bumper) with guards.</li> <li>10. 2 Reverse lights</li> </ul>			
<b>Miscellaneous Equipment:</b> <ul style="list-style-type: none"> <li>1. Fire extinguisher: mounted 10 lb. ABC easily accessible from driver's station inside.</li> <li>2. (2) Chock Blocks: Rubber, proper size with storage rack on driver's side with safety chain to secure blocks in the rack.</li> <li>3. Emergency triangle road reflector kit: mounted in cab in permanent case.</li> <li>4. Rear camera: ECCO model with flat screen monitor in and rear sensors to monitor a vehicle approaching from the rear of the truck.</li> </ul>			
<b><u>Blades, Controls, and Lighting: (Quote Separately - as a package - Henke or equal)</u></b> <ul style="list-style-type: none"> <li>1. Hydraulic operated pump front of engine crankshaft. Operate, blade, sander and hoist.</li> <li>2. Hydraulic power right, left, up and down pressure</li> <li>3. 10' blade @ (2) 5' removable cat bolt pattern cutting edges 30" tall wilt debris shield. Snow pole on each side.</li> <li>4. Frame – quick disconnect pins and fittings</li> <li>5. Minimum of 3 adjustable enclosed spring trips for blade.</li> <li>6. Joystick Controls/Cab controls – illuminated and permanently labeled. (Electronic over hydraulic) all valves outside cab. Ergonomically located for 12 hour operation with hand rest. Electronic controls inside cab.</li> <li>7. Additional plow lights with turn signals, mounted on the plow frame, separate of the truck body. Braced and shock isolated.</li> <li>8. Truck hood shall open fully without moving any if the blade from components.</li> <li>9. Mushroom wear pads, adjustable. (Two)</li> <li>10. Front pump shall be engine driven off front crankshaft and will power both the plow and the hydraulic sander ports and dump bed hoist.</li> <li>11. Unit to have plumbing to front and rear with quick disconnect fittings for blade and controls for sanding units that the County currently owns.</li> </ul>			

	YES	NO	COMMENTS
12. Hydraulic tank, steel filter shut off, sight and temperature gauge.			
<b>Dump Body with Vibrator:</b> <ol style="list-style-type: none"> <li>1. Seven (7) cubic yard capacity, with 20 ton under body hydraulic hoist and air tailgate controls. Length should be approximately 10 ft. width 96 inches (inside 84 inches) Sides to be 36 inches. Tailgate height – 36 inches. Entire body to be 3/16 high tensile ASTM-A607 steel with floors ¼ inch AR steel. Tailgate: drop tail chains and keepers.</li> <li>2. Strobe light swivel with brush guard, LED if available. Mounted on top of bed. Mounting to cab will not be accepted.</li> <li>3. All dump body members sloped and self cleaning. Top body rails to be boxed or extra strength. Rear cornering posts recessed minimum 4 inch diameter stop and turn signal lights. Body to have all legal lights and reflectors with all wires in bedrails or conduit to fixtures. Heavy duty channel under structure. Provide either pull cable to disengage hydraulic power as body rises or safety stop blocks on frame rails to prevent over lift.</li> <li>4. Sloped running boards to be completely enclosed at bottom.</li> <li>5. Body to have a bolt on 12 inch full width spreading apron, 3.16 inch thick with a rolled edge and two spreading chains (system 7).</li> <li>6. Three-way tailgate: (T-1 steel), hinged at right side, with chain and safety hook to secure gate to body side for dumping. Chain and hook to be painted red. Two tailgates per truck (one is a spare for when sand or chip rock is hauled). All chains to be system 7. Two trench gates with handles in each gate.</li> <li>7. All hardware to be heavy duty with minimum 1 ½ inch diameter hinge pins. Hinge pins to have keeper chains and storage pockets.</li> <li>8. Cab shield, 1/2 inch size, of 3/16 inch steel per California Safety Orders Article 10, Section 1591-F. 12" clearance on roof of cab for GPS dome.</li> <li>9. Dual safety brace to support dump body at both sides in a fully raised position, minimum structural section equal to 2-inch standard iron pipe. Brace installation to preclude dropping of body due to bolt shear or bumping of brace. Brace, when in use to rest in socket, both top and bottom. Brace to be painted yellow.</li> <li>10. Tie-down hooks, eight on each side at outer edge under bottom rail.</li> <li>11. Bed shall have empty weight and maximum load allowed, stenciled in 2-in. black letters on each side of bed.</li> <li>12. Conspicuity tape, 2 rows, full stripes and sides and back.</li> <li>13. Ample handholds and pull out/down retractable ladder access on each side to allow entry into bed at both back sides.</li> </ol>			

	YES	NO	COMMENTS
14. Sideboards, two sections each side to prevent gap between tarp side rails and front of bed (shall be square tubing and sheet metal) – spot welded.			
<b>Dump Hoist:</b>			
1. To be hydraulic, allowing full power up or power down. To be a telescopic system with not less than three moving sections, each tube. Double action cylinder diameters to be 3 ½, 4 ½, and 5 ½ inches with Chevron packing. Minimum class 20 ton. A minimum acceptable dump angle of 65 degrees.			
2. Hoist to incorporate an articulated equalizer with the cylinders acting directly on the dump body and a steel frame mounted cradle. Cradle to have skid plates to prevent snagging.			
3. Hoist to have a positive stop to prevent body from being raised beyond cylinder limits.			
4. Upright reservoir mounted outside frame rails with a minimum 35 gallon capacity. System to include replaceable filter. Shutoff before filler/shut off/on outlet.			
5. Control to be hydraulically balanced three position spool-type valve. Valve to be designed to preclude any damage to the frame due to body being lowered too fast.			
6. Morris lever control on console in cab with lift system hydraulic pressure gauge.			
7. Hoist warning light on instrument panel.			
8. To have audible “body-up” and flashing warning light.			
9. Hoist to operate freely under full load at all angles of lift for easy spreading control.			
<b>Tarping System:</b>			
1. Automatic air-drivers inside cab – press release to place.			
<b>Miscellaneous</b>			
1. Manuals:			
▪ Engine Parts: 2 copies			
▪ Engine Shop: 2 copies			
▪ Chassis and Drive Train Parts: 2 copies			
▪ Chassis and Drive Train Shop: 2 copies			
▪ Operator's Manual: 2 copies			
▪ Maintenance Guide: two copies			
2. Certificates:			
▪ Weight: one copy with blade on and entire truck and one copy without the blade and front axle only.			
▪ Certificate of origin			
3. Vehicle Component Form: completed			
4. VHS Tape/DVD of the safe operation of the unit			
5. Training: 8 hours in classroom and 8 hours in the field for operator, technicians and parts personnel.			
Training shall include as a minimum:			
▪ Driver's Inspection			
▪ Operation of Truck and plow			

	YES	NO	COMMENTS
<ul style="list-style-type: none"><li>▪ Maintenance of Truck and plow</li><li>▪ Vendor to submit w/ bid detailed itinerary of operator training</li></ul> 6. Keys: <b><u>six sets</u></b>			

**PROPOSAL SHEET**

**SNOW PLOW DUMP TRUCK**

DELIVERY \_\_\_\_\_ DAYS.

EACH @ \$ \_\_\_\_\_

\_\_\_\_\_  
WARRANTY

\_\_\_\_\_  
MAKE

\_\_\_\_\_  
MODEL

**\$100.00 PER DAY WILL BE DEDUCTED FROM INVOICE FOR LATE DELIVERY  
OF A FULLY ACCEPTABLE UNIT OR REQUIRED PAPERWORK.**

**OPTIONS:**

VENDOR SHALL QUOTE PRICING SEPARATELY TO PROVIDE UNIT WITH THE FOLLOWING:

- |    |   |          |
|----|---|----------|
| 1. | AM/FM/CD Stereo   | \$ _____ |
| 2. | Spare tire and wheel (front)  | \$ _____ |
| 3. | Spare tire and wheel (rear)   | \$ _____ |
| 4. | Snow plow blade with mounting and front mounted engine pump, tank hydraulic controls. | \$ _____ |

San Bernardino County  
Department Of Public Works  
Vehicle Master File

**VEHICLE FILE MAINTENANCE**

1. Unit Number	:	_____	Dept. #	_____	21. Tire Ply, etc.	:	_____	Psi:	_____
2. Veh. Year - Make	:	_____ - _____			22. Lugs	:	_____		
3. Vehicle Model	:	_____	Sz:	_____	23. State Inspect.	:	_____		
4. License Plate	:	_____	Class:	_____	24. Unit GVW	:	_____		
5. Serial Number	:	_____			25. Wheel Base	:	_____		
6. Location	:	_____			26. Alternator Mk.	:	_____	Amps	_____
7. Operator	:	_____			27. Brakes	:	_____		
8. Registration #	:	_____			28. Steering	:	_____		
9. Odometer Units	:	_____	Fuel:	_____	29. Spec. Body Mk.	:	_____		
10. Date Purchased	:	_____	Insrvc:	_____	30. Spec. Body Md.	:	_____		
11. Engine Make	:	_____			31. Spec. Equipmt.	:	_____		
12. Engine Model	:	_____			32. *Purchase Price	:	_____		
13. Transmis. Make	:	_____			Current Value	:	_____		
14. Transmis. Model	:	_____			33. Trade in Value	:	_____		
15. Rear End Make	:	_____			34. Deprec./Perd.	:	_____	/pd for	_____ pd
16. Rear End Cap	:	_____	Tons.	_____	35. License/Year	:	_____	/yr or	_____ /pd
17. Front Axle	:	_____			36. Insranc/Year	:	_____	/yr or	_____ /pd
18. Wheel Size	:	_____			37. License Expir.	:	Pd: _____	every	_____ pds
19. Tire Size	:	_____			38. Fuel X-Ref. #	:	_____		
20. Eng. Horsepwr	:	_____			39. Bucket Cu. Yd.	:	_____		

\*Total Number of Periods to Depreciate: \_\_\_\_\_

Department of Public Works  
Transportation/Flood Control  
Vehicle Maintenance Master File

COMPONENT	RECOMMENDED SERVICE INTERVALS	OIL VISCOCITY/TYPE	REFILL CAPACITIES	FILTER/PART NUMBERS
ENGINE				
TRANSMISSION				
TRANSFER CASE				
PTO GEAR BOX				
AUX. GEAR BOX				
DIFFERENTIALS				
FINAL DRIVES				
HYDRAULIC SYSTEM				
CIRCLE DRIVE GEAR BOX				
INTAKE SYSTEM				
COOLING SYSTEM				
OTHER				

TIRE SPECIFICATIONS

TIRE POSITION	TIRE SIZE	TREAD DEPTH (NEW)	TIRE INFLATION (PSI)	WHEEL NUT TORQUE